

SPECIFICATION RT57-03-14-01

EIGHT (8) BERTH HORSE BODY FOR 10TON PAYLOAD TRUCK

An eight berth horse body of light but robust construction complying to the following is required: -

1. DIMENSIONS:

A minimum body length of 7,500mm, 2,100mm inside height and a width of 2,450mm is required. Tenderers must offer the best body length to suit their chassis without chassis alterations and with a cab to body gap to manufacturers specification, not exceeding 400mm.

Particulars of offer: _____

2. SIDES:

Drop sides must be fitted to the sides for easy cleaning of the loading compartment, manufactured from Electro Galvanized steel of not less than 3mm and at least 600mm high. The general arrangement of side coverings and air openings with a minimum dimension of at least 250mm.

The rest of the body above the drop sides must be covered with 2 mm electro galvanized sheet to prevent drumming

Particulars of offer: _____

3. ROOF:

The roof must be manufactured with 1,6 mm thick electro galvanised mild steel plate, pressed and welded intermittently to suitable roof sticks to prevent sagging and drumming and welded to a 1, 6 mm electro galvanised folded mild steel.

The roof shall be slightly domed with drip rails on the sides and rear.

The inside height shall be not less than 2,100mm.

Particulars of offer: _____

4. FLOOR:

The floor shall be manufactured from mild steel plate of not less than 4.5mm thickness and shall be suitably reinforced to ensure that a flat floor surface is attained.

Six (6), drain holes with diameter of ten (10mm) diameter must be provided. Two (2) in the front, two (2) in the middle and two (2) at the back.

A heavy duty 12 mm thick anti slip rubber mat (not woven) must be fitted to the floor.

Particulars of offer: _____

5. LOADING RAMP:

The tailgate will be used for loading and unloading of the horses, in the open position. The tailgate must be fixed to the back with three (3) hinges. The hinge shaft must run the full width of the tailgate.

The hinges of the tailgate must be approximately 100 mm lower than the floor level.

A light weight, wooden tailgate with a galvanized steel frame and supports is required. Easily replaceable wooden steps must be fitted to the tailgate on the inside

Two (2) locking devices must keep the tailgate in the closed position.

Particulars of offer: _____

The tailgate must be operated by means of two (2) heavy duty hydraulic cylinders, powered by the engine power-take-off (PTO). These cylinders must be of adequate strength and size to operate the ramp effortlessly and without any assistance from personnel. There must be a manual override to operate the ramp in case of failure of the hydraulic system.

The tailgate manufactured from mild steel of not less than 3mm must be at least 400mm high.

Particulars of offer: _____

6. GENERAL LAYOUT:

The loading bay must be divided into eight (8) partitions with hinged gates which open to the side. These gates must be padded with durable padding to prevent injuries to the horses. The partition must be 600mm from the floor and the width between the partitions must be 695mm. Steel pipes of at least 50mm in diameter must be bolted onto the front portion to form a loading space for saddles.

A ring of approximately 50 mm must be fixed at the side where the horse is facing, in the middle of each partition about 1,600mm from the floor.

All protruding edges that could possibly hurt the animals, must be covered or removed.

Particulars of offer: _____

A 75 mm x 300 mm sponge with SPX FRA 33 density must be glued onto a 300 mm x 25 mm plank and covered with PVC 800 to form a padding. The top of the padding must be mounted at a height of 1300 mm from the floor and must be facing the rear side of the horses.

Particulars of offer: _____

7. LIGHTS:

Two (2) water-proof lights must be fitted in the back to illuminate the loading bay and must be operated from inside the cab.

Particulars of offer: _____

8. REAR PANEL:

A recessed rear panel manufactured from mild steel of not less than 2mm over the full width of the body to house a chevron, number plate and rear light assemblies is required.

Particulars of offer: _____

9. CAUTION SIGN:

An appropriate sign in English must be mounted to the rear. The lettering and the colour must be in accordance with **NATIONAL ROAD TRAFFIC ACT, 1996 (ACT NO. 93 OF 1996)**

CAUTION - HORSES IN TRANSIT

Particulars of offer: _____

10. STORAGE:

Provision must be made to stow feeding.

Provision must also be made for first aid box and veterinary box, which is normally 460 mm²

Particulars of offer: _____

11. MUDGUARDS:

Sturdy, firmly braced mudguards must be fitted behind and in front of the rear wheels.

Particulars of offer: _____

12. FINISH:

Special attention must be given against anything that could hurt the horses.

All materials must be flaming proof or retardant, will not support combustion and will exhibit low toxicity levels when subjected to a naked flame

All metal shall be thoroughly cleaned and primed and painted with two coats of prime and good quality automotive enamel to match the departments colour spec.

All metal surfaces must be treated with a rust preventative, phosphate or equivalent or other approved method, to protect the metal against corrosion.

Particulars of offer: _____

13. PARTICULARS OF OFFER:

A detailed sketch or full drawing of the body offered, showing all leading dimensions, must be submitted with tender.

Particulars of offer: _____